> This Raw Listing contains the General Information
> Section and up to first 5 pages.

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 1   <110> APPLICANT: Oppmann, Birgit                    ENTERED
 2         Timans, Jacqueline C.
 3         Kastelein, Robert A.
 4         Bazan, J. Fernando
 5   <120> TITLE OF INVENTION: Mammalian Cytokines; Related Reagents and Methods
 6   <130> FILE REFERENCE: DX0935K
 7   <140> CURRENT APPLICATION NUMBER: US/09/521,335
 8   <141> CURRENT FILING DATE: 2000-03-09
 9   <160> NUMBER OF SEQ ID NOS: 13
10   <170> SOFTWARE: PatentIn Ver. 2.0
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31         Gly Asp Pro Gly Pro Gly Pro Ser Ile Gln Lys Thr Tyr Asp Leu Thr
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33         cgc tac ctg gag cac caa ctc cgc agc ttg gct ggg acc tat ctg aac   320
34         Arg Tyr Leu Glu His Gln Leu Arg Ser Leu Ala Gly Thr Tyr Leu Asn
35                         25              30              35
36         tac ctg ggc ccc cct ttc aac gag cca gac ttc aac cct ccc cgc ctg   368
37         Tyr Leu Gly Pro Pro Phe Asn Glu Pro Asp Phe Asn Pro Pro Arg Leu
38                     40              45              50
39         ggg gca gag act ctg ccc agg gcc act gtt gac ttg gag gtg tgg cga   416
40         Gly Ala Glu Thr Leu Pro Arg Ala Thr Val Asp Leu Glu Val Trp Arg
41                     55              60              65
42         agc ctc aat gac aaa ctg cgg ctg acc cag aac tac gag gcc tac agc   464
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45        cac ctt ctg tgt tac ttg cgt ggc ctc aac cgt cag gct gcc act gct    512
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48        gag ctg cgc cgc agc ctg gcc cac ttc tgc acc agc ctc cag ggc ctg    560
49        Glu Leu Arg Arg Ser Leu Ala His Phe Cys Thr Ser Leu Gln Gly Leu
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51        ctg ggc agc att gcg ggc gtc atg gca gct ctg ggc tac cca ctg ccc    608
52        Leu Gly Ser Ile Ala Gly Val Met Ala Ala Leu Gly Tyr Pro Leu Pro
53                           120                   125                   130
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55        Gln Pro Leu Pro Gly Thr Glu Pro Thr Trp Thr Pro Gly Pro Ala His
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57        agt gac ttc ctc cag aag atg gac gac ttc tgg ctg ctg aag gag ctg    704
58        Ser Asp Phe Leu Gln Lys Met Asp Asp Phe Trp Leu Leu Lys Glu Leu
59                 150                   155                   160
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61        Gln Thr Trp Leu Trp Arg Ser Ala Lys Asp Phe Asn Arg Leu Lys Lys
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67        Gly Phe
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       79   gctgagcatc aggaccttgc ctcgaattgt cttccagtat tacggtgcct cttctctgcc  1516
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 99                        50              55               60
100        Leu Glu Val Trp Arg Ser Leu Asn Asp Lys Leu Arg Leu Thr Gln Asn
101                 65              70              75
102        Tyr Glu Ala Tyr Ser His Leu Leu Cys Tyr Leu Arg Gly Leu Asn Arg
103        80              85              90              95
104        Gln Ala Ala Thr Ala Glu Leu Arg Arg Ser Leu Ala His Phe Cys Thr
105                       100             105              110
106        Ser Leu Gln Gly Leu Leu Gly Ser Ile Ala Gly Val Met Ala Ala Leu
107                       115             120              125
108        Gly Tyr Pro Leu Pro Gln Pro Leu Pro Gly Thr Glu Pro Thr Trp Thr
109                 130             135             140
110        Pro Gly Pro Ala His Ser Asp Phe Leu Gln Lys Met Asp Asp Phe Trp
111              145             150             155
112        Leu Leu Lys Glu Leu Gln Thr Trp Leu Trp Arg Ser Ala Lys Asp Phe
113        160             165             170             175
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139        Gly Thr Tyr Leu Asn Tyr Leu Gly Pro Pro Phe Asn Glu Pro Asp Phe
140                        35              40               45
141        aat cct cct cga ctg ggg gca gaa act ctg ccc agg gcc acg gtc aac     240
142        Asn Pro Pro Arg Leu Gly Ala Glu Thr Leu Pro Arg Ala Thr Val Asn
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155                           115                 120                 125
156        ggc tac cca ctg ccc cag cct ctg cca ggg act gag cca gcc tgg gcc    480
157        Gly Tyr Pro Leu Pro Gln Pro Leu Pro Gly Thr Glu Pro Ala Trp Ala
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186        Leu Glu Val Trp Arg Ser Leu Asn Asp Arg Leu Arg Leu Thr Gln Asn
187             65                  70                  75
188        Tyr Glu Ala Tyr Ser His Leu Leu Cys Tyr Leu Arg Gly Leu Asn Arg
189             80                  85                  90                  95
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191                           100                 105                 110
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197              145                    150                    155
198          Leu Leu Lys Glu Leu Gln Thr Trp Leu Trp Arg Ser Ala Lys Asp Phe
199              160                    165                    170                    175
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228          145                    150                    155                    160
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230                   165                    170                    175
231          Glu Ala Phe Gln Arg Lys Lys Leu Gly Cys Gln Leu Leu Gly Thr Tyr
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VERIFICATION SUMMARY
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